Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Spider Farmer 6L Humidifier, SF4000 Grow Light

User Manual: Spider Farmer 6L Grow Tent Humidifier and SF4000 Grow Light

Model: 6L Humidifier, SF4000 Grow Light

Brand: Spider Farmer

Introduction

This manual provides comprehensive instructions for the safe and efficient operation of your Spider Farmer 6L Grow Tent Humidifier and SF4000 Grow Light. Please read this manual thoroughly before installation and use to ensure optimal performance and longevity of your products.



Image: The Spider Farmer 6L Grow Tent Humidifier and SF4000 Grow Light, showcasing both components of the system.

Safety Information

Always adhere to the following safety precautions to prevent injury or damage to the product:

- Ensure the power supply matches the voltage requirements specified on the product label.
- Do not operate the humidifier or grow light with a damaged cord or plug.
- Keep electrical components away from water and excessive moisture.
- Unplug the devices before cleaning or performing any maintenance.
- Do not block ventilation openings on the grow light.
- Keep out of reach of children and pets.
- For indoor use only.

Product Overview

6L Grow Tent Humidifier

The Spider Farmer 6L Humidifier is designed to maintain optimal humidity levels within your grow environment. It features a large capacity tank and precise control options.



Image: The 6L Grow Tent Humidifier, showing its main unit, extendable tubing, and Y-splitter for mist distribution.

Key Features:

- **Digital Humidity Controller:** Adjustable from 35%-95% in 5% intervals.
- **Built-in Hygrometer:** Displays current humidity.
- **Sensor Probe:** Provides accurate temperature and humidity readings.
- **Extendable Tubing:** Allows external placement of the humidifier.
- **12-Hour Timer:** Set operation duration in 1-hour increments.
- **6L Tank Capacity:** Up to 24 hours of continuous operation.

- **450 ml/h Max Mist Output:** Suitable for various room and grow tent sizes.

SF4000 Grow Light

The Spider Farmer SF4000 Grow Light provides high-efficiency illumination for plant growth, featuring advanced LED technology.

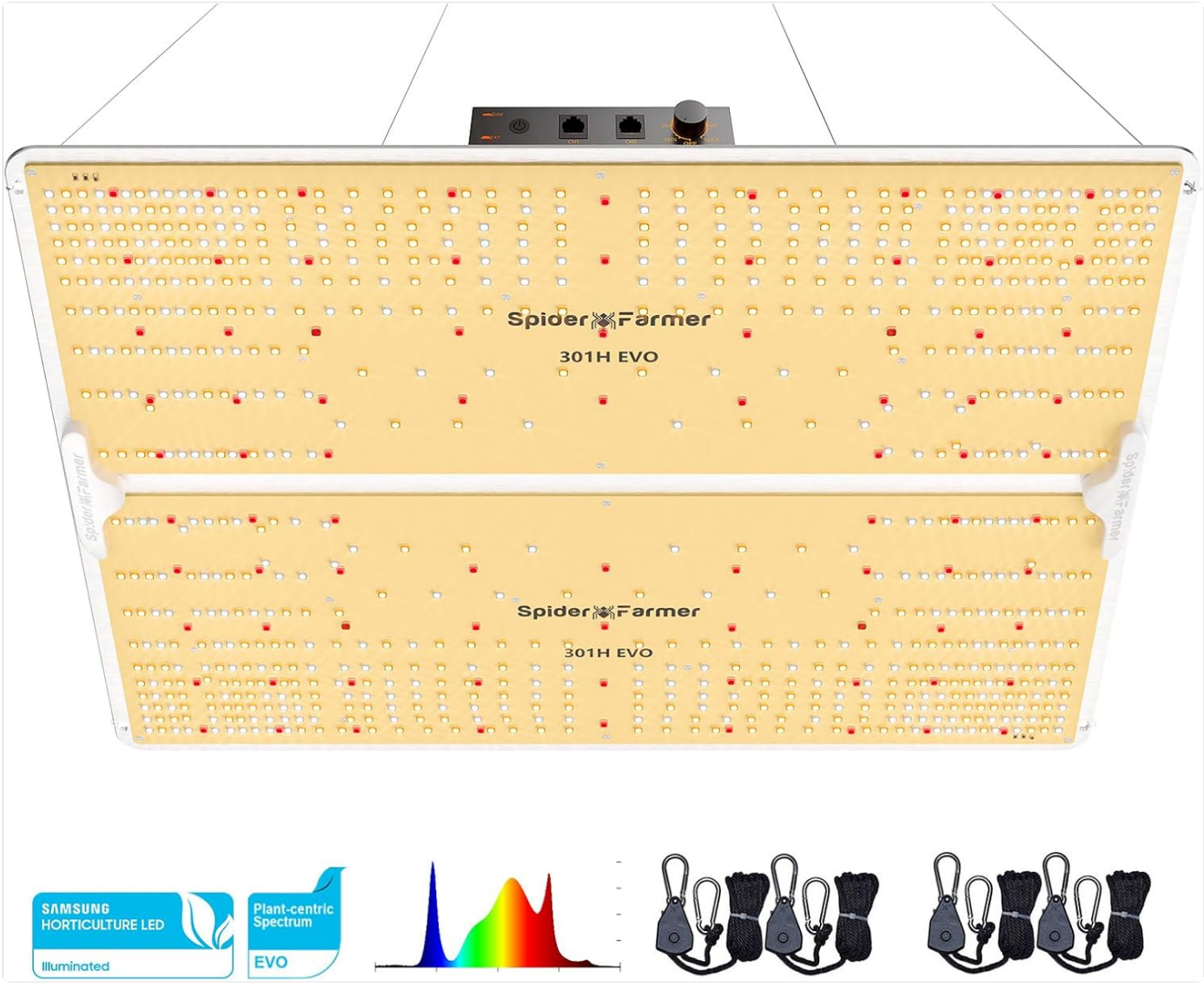


Image: The SF4000 Grow Light, highlighting its LED board and included hanging accessories.

Key Features:

- **Samsung LM301H EVO LEDs:** High efficiency (3.14 µmol/J PPE per diode).
- **Silent Operation:** Fanless design.
- **Enhanced Blue Spectrum:** Optimized for plant growth.
- **Dimmable:** Adjustable light intensity (0-100%).



Image: A detailed view of the Samsung LM301H EVO LED chips, emphasizing their high efficiency.

Setup

Humidifier Setup

1. **Placement:** Position the humidifier on a flat, stable surface. It can be placed inside or outside the grow tent using the extendable tubing.
2. **Fill Water Tank:** Remove the top cover and fill the 6L tank with clean, distilled water. Do not exceed the MAX fill line.
3. **Connect Tubing:** Attach the extendable tubing and Y-splitter (if desired) to the mist outlet. Direct the mist nozzles towards the desired area within the grow tent.
4. **Insert Sensor Probe:** Place the sensor probe in the grow tent or near the plants to accurately measure ambient humidity and temperature.
5. **Power Connection:** Plug the humidifier into a suitable power outlet.



Image: Visual guide demonstrating flexible placement options for the humidifier, both inside and outside a grow tent, utilizing its extendable tubing.

Grow Light Setup

1. **Unpack:** Carefully remove the SF4000 Grow Light from its packaging.
2. **Hang Light:** Use the provided hanging kit to suspend the grow light securely from the ceiling of your grow tent or designated growing area. Ensure it is level and at the appropriate height above your plants (refer to PPFD map in Specifications for guidance).
3. **Connect Power:** Plug the power cord into the grow light and then into a grounded electrical outlet.
4. **Dimmer Control:** Familiarize yourself with the dimmer knob and button on the control box.

Operating Instructions

Humidifier Operation



Image: Close-up of the humidifier's LED digital control panel, showing buttons for On/Off, Humidity, Mist, and Timer, along with the digital display.

- **Power On/Off:** Press the "On/Off" button to turn the humidifier on or off.
- **Set Humidity:** Press the "Humidity" button to adjust the desired humidity level from 35% to 95% in 5% increments. The humidifier will automatically maintain this level.
- **Adjust Mist Level:** Press the "Mist" button to cycle through 1-4 levels of fog volume.
- **Set Timer:** Press the "Timer" button to set the operating duration from 1 to 12 hours. The humidifier will automatically shut off after the set time.
- **Low Water Shut-off:** The humidifier will automatically shut off when the water level is too low. Refill the tank to resume operation.

Grow Light Operation



Image: The control box of the SF4000 Grow Light, featuring the dimmer knob for intensity adjustment and the dimmer button for on/off control.

- **Power On/Off:** The light will turn on when plugged in. Use the dimmer button (labeled "DIM") to toggle the light on/off.
- **Adjust Light Intensity:** Rotate the "DIMMER KNOB" to adjust the light intensity from 0% (off) to 100% (max).
- **External Control (EXT):** The "EXT" port allows for connection to an external controller (sold separately) for advanced control options.

Maintenance

Humidifier Maintenance

- **Regular Cleaning:** Clean the water tank and mist outlet regularly (e.g., weekly) to prevent mineral buildup and mold growth. Use a soft cloth and mild detergent. Rinse thoroughly.
- **Descaling:** If mineral deposits accumulate, use a descaling solution or a mixture of white vinegar and water to clean the tank and transducer.
- **Water Quality:** Use distilled or demineralized water to minimize mineral buildup and extend the life of the humidifier.

- **Storage:** When not in use for extended periods, empty and clean the tank, then store the humidifier in a cool, dry place.

Grow Light Maintenance

- **Dust Removal:** Periodically wipe the LED board and housing with a dry, soft cloth to remove dust and ensure optimal light output.
- **Inspection:** Regularly inspect the power cord and connections for any signs of damage.
- **No User Serviceable Parts:** Do not attempt to open or repair the grow light. Refer to qualified personnel for service.

Troubleshooting

Problem	Possible Cause	Solution
Humidifier not producing mist	Low water level; Mineral buildup on transducer; Power not connected	Refill water tank; Clean transducer; Check power connection
Humidifier leaking	Tank not seated correctly; Damaged tank	Ensure tank is properly seated; Contact support if damaged
Grow light not turning on	No power; Dimmer set to 0%; Faulty connection	Check power outlet; Adjust dimmer knob; Ensure all connections are secure
Light intensity too low/high	Dimmer knob setting	Adjust the dimmer knob to the desired intensity

Specifications

6L Grow Tent Humidifier

Capacity: 6 Liters

Max Mist Output: 450 ml/h

Humidity Range: 35%-95% (adjustable in 5% increments)

Timer: 1-12 hours

Special Features: Digital display, Sensor Probe, Extendable Tubing, Auto Shut-off (low water)

SF4000 Grow Light

LED Type: Samsung LM301H EVO

Efficiency: 3.14 µmol/J PPE (per diode)

Control: Dimmable (0-100%), External Control Port

Cooling: Fanless, passive cooling



Image: SF4000 EVO PPFD Map, illustrating light intensity distribution (PPFD values) at different heights (12", 18", 22") within a 4x4 ft grow tent, crucial for optimizing plant growth.

Warranty and Support

Spider Farmer provides a **5-year warranty** for the LED Plant Lights. This warranty covers defects in materials and workmanship under normal use.

For technical support, warranty claims, or service inquiries, please contact Spider Farmer customer service. Local maintenance centers are available in the US, CA, UK, EU, and AU.

Ensure you purchase authentic Spider Farmer products to qualify for warranty service.

© 2024 Spider Farmer. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B0CX59TY4Z

More documents and user manuals: **https://manuals.plus/**